EXHIBIT D15

05+000Software Conformity Review Audit
Version 1.0 01+000

Review Identifier		
Review Date		
Reviewer(s)	Name	Role
Project/Program/System Name		
Software/System Part Number		
Data Items Under Review	Identification	Version
Standards Used	RTCA DO-178C	

Exhibit D15, page 755

05+000Software Conformity Review Audit

Version 1.0 01+000   05+000

Checklist Item	DO-178C Ref.	Appl. DAL	Yes, No, NA	Comments, Notes, Reasons, Questions	Action Log #
Completion of Plans and Adherence to life cycle process:	NA	NA	No		
1. Have the Planned software life cycle process activities for certification credit, including the generation of software life cycle data, been completed and records of their completion are retained in CM environment?	8.3.a	NA	No		
2. Are all required data/artifacts completed, approved and signed	8.3.a	NA	No		
3. Are Software life cycle data developed from specific system requirements, safety-related requirements, or software requirements are traceable to those requirements?	8.3.b	NA	No		
4. Was the trace data complete and accurate?	8.3.b	NA	No		
5. Is the Software Accomplishment Summary in accordance with DO-178C, 11.20?	NA	NA	No		
6. Is the Software Life Cycle Environment Configuration Index in accordance with DO-178C, 11.15? Does the software life cycle data comply with software plans and standards, and controlled in accordance with the SCM Plan?	8.3.c	NA	No		
7. Is the Software Configuration Index in accordance with DO-178C, 11.16?	NA	NA	No		
8. Is there any software requirement deviations, if so are they recorded and approved?	8.3.e	NA	No		
Problem Report Evaluation:	NA	NA	No		
9. Does Evidence exists that Problem Reports have been evaluated and have their status recorded?	8.3.d	NA	No		

Page 1 of 2

SKY_00128740

Exhibit D15, page 756

05+000Software Conformity Review Audit

Version 1.0 01+000   05+000

Checklist Item	DO-178C Ref.	Appl. DAL	Yes, No, NA	Comments, Notes, Reasons, Questions	Action Log #
10. Are there any Open Problem Reports deferred from a previous software conformity review? If so, have they been re-evaluated to determine their status?	8.3.h	NA	No		
11. Are there any open problem reports that affect safety?	NA	NA	No		
12. Are there any open problem reports that affect operations?	NA	NA	No		
Software Build and Load Assessment:	NA	NA	No		
Perform a build and load, using the applicant's approved instructions (SCI/SECI):	NA	NA	No		
13. Can the Executable Object Code and Parameter Data Item Files, be regenerated from the archived (configured) Source Code?	8.3.f	NA	No		
14. Does the Executable Object Code matches the configured version in the CM (using CRC or Checksum)?	NA	NA	No		
15. Can the approved software be loaded successfully through the use of released instructions as defined in SCI/SECI?	8.3.f	NA	No		
16. Are the software build/load instructions (in SCI and/or SECI) repeatable and easily understood?	NA	NA	No		
17. Was the Software Load to the Target Computer Successful?	8.3.f	NA	No		
18. Was the approved software loaded successfully through the use of released instructions?	8.3.g	NA	No		
19. What method of Load Verification (using CRC or Checksum) was provided by the applicant's defined process (e.g. SCI)?	NA	NA	No		

Page 2 of 2

SKY_00128741

Exhibit D15, page 757

05+000Software Conformity Review Audit

Version 1.0 01+000   05+000

Checklist Item	DO-178C Ref.	Appl. DAL	Yes, No, NA	Comments, Notes, Reasons, Questions	Action Log #
20. If certification credit is sought for the use of previously developed software, was the current software product baseline traceable to the previous baseline and the approved changes to that baseline?	8.3.i	NA	No		

SKY_00128742

Exhibit D15, page 758

05+000Software Conformity Review Audit

Version 1.0   01+000

Cmp Log #	Issues Log #	Comments, Notes, Reasons, Questions, Findings	Document Section/Table Figure	Raised By	Action Resolution Evidence Problem Report #	Status
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open
No	0	0				Open

SKY_00128743

Exhibit D15, page 759